

Title (en)

CREAMS CONTAINING VITAMIN D 3? DERIVATIVES

Title (de)

VITAMIN D3 ENTHALTENDE CREMEN

Title (fr)

EMULSIONS CONTENANT DES DERIVES DE VITAMINE D 3?

Publication

EP 1040832 A1 20001004 (EN)

Application

EP 98957217 A 19981208

Priority

- JP 9805536 W 19981208
- JP 33881097 A 19971209
- JP 33881297 A 19971209

Abstract (en)

The present invention aims to provide an O/W type cream showing improved skin absorption and heat stability of maxacalcitol as an active ingredient. The present invention provides O/W type creams containing maxacalcitol in the oil phase and/or water phase, more specifically O/W creams containing maxacalcitol and an emulsifier wherein maxacalcitol exists in the oil phase as well as O/W creams wherein maxacalcitol exists in the water phase.

IPC 1-7

A61K 31/59; A61K 47/30; A61K 9/06

IPC 8 full level

A61K 9/00 (2006.01); **A61K 9/06** (2006.01); **A61K 31/59** (2006.01); **A61K 31/593** (2006.01); **A61K 47/00** (2006.01); **A61K 47/30** (2006.01);
A61K 47/06 (2006.01); **A61K 47/10** (2006.01); **A61K 47/44** (2006.01)

CPC (source: EP KR US)

A61K 9/0014 (2013.01 - EP US); **A61K 9/06** (2013.01 - KR); **A61K 31/593** (2013.01 - EP US); **A61P 3/02** (2017.12 - EP);
A61K 47/06 (2013.01 - EP US); **A61K 47/10** (2013.01 - EP US); **A61K 47/44** (2013.01 - EP US)

Cited by

CN102770143A; AU2009357263B2; FR2892936A1; EP2251004A3; US9254296B2; WO2011076206A1; WO2007057598A3

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1040832 A1 20001004; EP 1040832 A4 20010912; AU 1353199 A 19990628; AU 743486 B2 20020124; CA 2312731 A1 19990617;
JP 4511639 B2 20100728; KR 20010032892 A 20010425; US 6432422 B1 20020813; WO 9929326 A1 19990617

DOCDB simple family (application)

EP 98957217 A 19981208; AU 1353199 A 19981208; CA 2312731 A 19981208; JP 53063599 A 19981208; JP 9805536 W 19981208;
KR 20007006223 A 20000608; US 55581400 A 20000605